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MS171133.01/MSFTP213US

AMENDMENTS TO THE SPECIFICATION**In the Specification:**

Please insert the following paragraph on page 1, at the beginning of the specification:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is related to co-pending U.S. Patent Application Serial No. _____, filed on _____, 2005 (Atty. Docket No. MS171133.03/MSFTP213USA), entitled, "METHODS FOR AND APPLICATIONS OF LEARNING AND INFERRING THE PERIODS OF TIME UNTIL PEOPLE ARE AVAILABLE OR UNAVAILABLE FOR DIFFERENT FORMS OF COMMUNICATION, COLLABORATION, AND INFORMATION ACCESS", co-pending U.S. Patent Application Serial No. _____, filed on _____, 2005 (Atty. Docket No. MS171133.04/MSFTP213USB), entitled, "METHODS FOR AND APPLICATIONS OF LEARNING AND INFERRING THE PERIODS OF TIME UNTIL PEOPLE ARE AVAILABLE OR UNAVAILABLE FOR DIFFERENT FORMS OF COMMUNICATION, COLLABORATION, AND INFORMATION ACCESS", co-pending U.S. Patent Application Serial No. 10/609,972, filed on June 30, 2003, entitled, "METHODS AND ARCHITECTURE FOR CROSS-DEVICE ACTIVITY MONITORING, REASONING, AND VISUALIZATION FOR PROVIDING STATUS AND FORECASTS OF A USERS' PRESENCE AND AVAILABILITY", and co-pending U.S. Patent Application Serial No. 10/881,429, filed June 30, 2004, entitled, "COMPOSABLE PRESENCE AND AVAILABILITY SERVICES."

Please replace the paragraph at page 14, line 21 with the following amended paragraph:

Alternative applications of the system 10 can include finer grained inferences other than the notion of availability. For example, the system 10 can employ similar methods to reason about the amount of time until a user will be available for a particular kind of interaction or communications[[,]] based on patterns of availability and context. For example, the expected time until a user, who is currently traveling in automobile or other situation will be available for

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a voice and/or video conference can be determined by learning statistics and building models which can infer this particular kind of availability. In another example, it can be determined when a user will be available to be interrupted with a particular class of alert or notification, based on patterns of availability, and inferences about the workload and associated cost of an interruption.

Please replace the paragraph at page 17, line 7 with the following amended paragraph:

The amount of time a user is expected to return or remain present can be utilized in guiding messaging decisions, for example, in deciding whether a message or appointment request should be sent to a user's pager or cell phone, given the amount of time a user is expected to be away from a message location, the ~~identity~~identity of the sender, and, more generally, the sensed or inferred urgency of the message. Therefore, if the message 78, were above the predetermined urgency threshold, and the user was expected to be gone from the message location such as a desk top e-mail location for a predetermined period of time as determined from the forecast information 46, the priorities system 70 can direct messages to other sources such as a cell phone or pager based on the amount of time the user is expected to return to a particular message location and the urgency of the message.

Please replace the paragraph at page 23, line 7 with the following amended paragraph:

Referring to Fig. 12, a graph 620 depicts determined availability periods for an exemplary user. The graph 620 illustrates determined probabilities that the user will return within thirty minutes given evidence that the user has been away for a given period. Different time period curves are illustrated such as morning, lunch, afternoon, evening, night, and an ALL periods curve. As described above, this information can be shared and/or utilized by other users, systems, and/or applications. This is illustrated in Fig. 13, wherein a calendar provides an automatic indication of the users expected availability and is depicted at ~~640~~630. This can also include sharing such information selectively based on such considerations as the nature, privileges of the person inspecting a shared calendar, and an inferred urgency of a

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communications (e.g., the inferred urgency of email as described above in relation to the priorities system).